

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.(original) Method for determining the engaged box ratio in a gearbox, wherein the engaged gearbox ratio is determined when there is a change of gearbox ratio by dividing one by the other the values of the engine speed measured just before and just after the change of gear and by comparing the result of this division with stored predetermined values that depend on the gearbox (8) fitted to the vehicle.

2.(original) The method for determining the engaged box ratio as claimed in claim 1, wherein said gearbox (8) is coupled to an engine (6) via a clutch (10) or similar element, and wherein the change of gearbox ratio is detected by a sensor placed on this clutch (10).

3.(original) The method for determining the engaged box ratio as claimed in claim 2, wherein the sensor placed on the clutch (10) is a contactor.

4.(original) The method for determining the engaged box ratio as claimed in claim 3, wherein the value of the engine speed is stored on each change of state of the contactor.

5.(currently amended) A method for determining the speed of a vehicle with the aid of sensors on board the vehicle, the vehicle being moved by an engine (6) coupled to a gearbox (8),
wherein the speed of the vehicle is determined by multiplying the value of the engine speed (N) obtained via a

sensor by a predetermined coefficient as a function of the engaged gearbox ratio, and wherein the engaged gearbox ratio is determined by applying a method as claimed in ~~one of claims 1 to 4~~ claim 1.

6.(original) The method for determining the speed of a vehicle as claimed in claim 5, wherein it is applied only in degraded mode.

7.(original) The method for determining the speed of a vehicle as claimed in claim 5, wherein it is applied permanently.

8.(original) The method for determining the speed of a vehicle as claimed in claim 7, wherein the calculated speed is compared with the value of the speed measured by a speed sensor.

9.(new) A method for determining the speed of a vehicle with the aid of sensors on board the vehicle, the vehicle being moved by an engine (6) coupled to a gearbox (8),

wherein the speed of the vehicle is determined by multiplying the value of the engine speed (N) obtained via a sensor by a predetermined coefficient as a function of the engaged gearbox ratio, and wherein the engaged gearbox ratio is determined by applying a method as claimed in claim 2.

10.(new) A method for determining the speed of a vehicle with the aid of sensors on board the vehicle, the vehicle being moved by an engine (6) coupled to a gearbox (8),

wherein the speed of the vehicle is determined by multiplying the value of the engine speed (N) obtained via a sensor by a predetermined coefficient as a function of the engaged gearbox ratio, and wherein the engaged gearbox ratio is determined by applying a method as claimed in claim 3.

11.(new) A method for determining the speed of a vehicle with the aid of sensors on board the vehicle, the vehicle being moved by an engine (6) coupled to a gearbox (8),

wherein the speed of the vehicle is determined by multiplying the value of the engine speed (N) obtained via a sensor by a predetermined coefficient as a function of the engaged gearbox ratio, and wherein the engaged gearbox ratio is determined by applying a method as claimed in claim 4.